

AMENDMENT TO THE ABSTRACT

Please replace the Abstract on Page 8 with the following amended Abstract:

--Turbocharger control systems ~~of this invention are~~ used with electric assist turbochargers ~~comprising~~ include an electric motor for controlling turbocharger operation. The system comprises an oil pressure sensor attached to the turbocharger for sensing ~~the oil~~ pressure ~~of oil being directed into the turbocharger~~ for lubricating ~~the~~ shaft bearing assembly. The pressure sensor ~~is configured to provide~~ provides oil pressure information to a control system that ~~is configured to control~~ controls the operation of the electric motor and/or other operating parameters of the turbocharger and/or the vehicle. The control system ~~is configured to regulate and/or disable~~ regulates operation of the electric motor during operating conditions where a low oil pressure condition is detected when compared to a predetermined minimum. The control system ~~is configured to reactivate~~ reactivates the electric motor once a desired minimum oil pressure has been detected ~~by and transmitted from the pressure sensor~~. Configured in this manner, turbocharger control systems ~~of this invention operate to prevent possible damage to the turbocharger shaft bearings, thereby extending the effective service life of the turbocharger.~~ --

Amendment Dated Oct 19, 2004
Reply to Office Action Dated
August 19, 2004

- 9 -

Appl. No. 10/743,691
Atty. Docket No. H0001410